

ABSTRACT

[00066] A wireless communication system from an IV medication infusion pump to a hospital information management system (HIMS) is disclosed. The system includes an IV pump having pump operation circuitry for monitoring pre-selected characteristics of pump operation indicative of IV administration of medication to a patient. A transmitter or transceiver is connected to the pump operation circuitry for receiving a wireless pump signal representing instructional data to the IV pump and for transmitting a wireless pump signal representing the pre-selected pump operation characteristics. The wireless pump transmitter or transceiver communicates with a hospital information management system (HIMS). The HIMS includes a receiver or transceiver capable of transmitting and receiving the pump signal representing the pump operation characteristics and also includes a computer processor capable of storing and displaying the pump operation characteristics that are represented by the received wireless pump signal. In one embodiment, a data collection terminal is incorporated into the system. The data collection terminal includes a transceiver capable of transmitting and receiving the pump signal representing the pump operation characteristics and the HIMS signal representing instructional data to the IV pump.